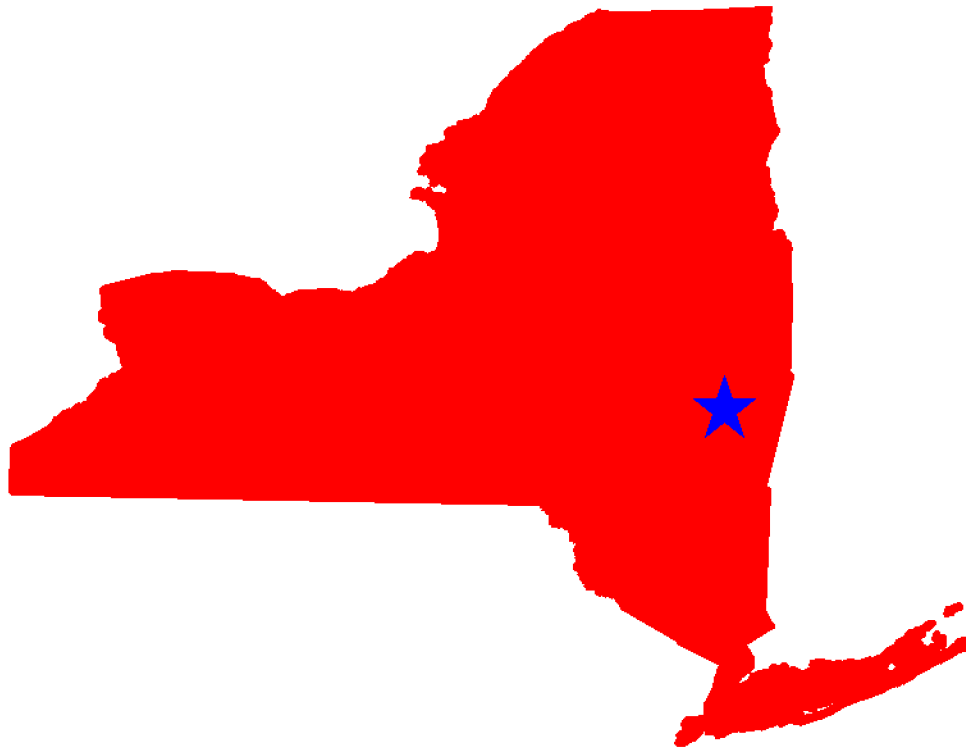




Traffic Safety Facts New York 2003-2007



This Report Contains Data From the Following Sources:

Fatality Data - NCSA Fatality Analysis Reporting System (FARS)

FARS Data: 2003-2006 Final File and 2007 Annual Report File (ARF)

Observed Safety Belt Data - NCSA National Occupant Protection Use Survey (NOPUS) and the New York State Survey
Vehicle Miles of Travel Data and Motorcycle Registrations - Federal Highway Administration (FHWA)

Population Data - U.S. Bureau of the Census



Table of Contents

Pg3.	Fatality Rates: New York , U.S. and Best State
Pg4.	Alcohol-Related Fatalities: New York , U.S. and Best State (Old Definition)
Pg5.	Alcohol-Impaired Driving Fatalities: New York , U.S. and Best State (New Definition)
Pg6.	Fatalities Per 100 Million VMT: New York , U.S.
Pg6.	Alcohol-Impaired Driving Fatalities Per 100 Million VMT: New York , U.S.
Pg7.	Blood Alcohol Concentration (BAC) Reporting Rates For Drivers/Motorcycle Rider (Operators) Involved in Fatal Crashes: New York , U.S. and Best State
Pg8.	Passenger Vehicle Occupant Fatalities by Restraint Use: New York , U.S. and Best State
Pg9.	Passenger Vehicle Occupant Fatalities by Percent Restraint Use: New York , U.S.
Pg9.	Passenger Vehicle Occupant by Observed Restraint Use: New York , U.S.
Pg10.	Passenger Vehicle Occupant Fatalities Aged 5 and Above by Restraint Use and Lives Saved Estimates
Pg10.	Passenger Vehicle Occupant Fatalities Aged Under 5 by Restraint Use and Lives Saved Estimates
Pg11.	Motorcycle Occupant Fatalities by Helmet Use and Lives Saved Estimates
Pg12.	Fatalities by Person Type
Pg13.	Fatalities by Crash Type
Pg14.	Motorcyclist Fatalities by Age
Pg14.	Motorcyclist Fatalities Per 100,000 Registered Motorcycles
Pg15.	Top 10 Counties for Fatalities and Fatality Rates
Pg16.	Top 10 Counties for Alcohol-Impaired Driving Fatalities and Alcohol-Impaired Driving Fatality Rates



Fatality Rates: New York , U.S. and Best State

Year		Fatalities	Total Vehicle Miles Traveled (Millions)	Fatalities Per 100 Million Vehicle Miles Traveled	Total Population	Fatalities Per 100,000 Population
2003	New York	1,493	135,047	1.11	19,207,652	7.77
	US	42,884	2,890,450	1.48	290,447,644	14.76
	Best State*			0.83		7.18
2004	New York	1,495	137,898	1.08	19,258,479	7.76
	US	42,836	2,964,788	1.44	293,191,511	14.61
	Best State*			0.87		7.40
2005	New York	1,434	139,197	1.03	19,262,545	7.44
	US	43,510	2,989,430	1.46	295,895,897	14.70
	Best State*			0.80		6.86
2006	New York	1,454	141,348	1.03	19,281,988	7.54
	US	42,708	3,014,116	1.42	298,754,819	14.30
	Best State*			0.78		6.32
2007	New York	1,333			19,297,729	6.91
	US	41,059	2,996,409	1.37	301,621,157	13.61
	Best State*					6.47

*State (or States) With Lowest Rates: Lowest VMT and Population Rates Could Be in Different States

2007 State Vehicle Miles Traveled (VMT) Data is Currently Not Available. 2007 National VMT is a Preliminary Estimate and Subject to Change

[Back To The Table of Contents](#)



Alcohol-Related Fatalities: New York , U.S. and Best State (Old Definition)

Year		Total Fatalities in all Crashes	Alcohol-Related Fatalities**				Alcohol-Related Fatalities (BAC = .08+) Per 100 Million VMT
			BAC = .01+		BAC = .08+		
			Number	Percent	Number	Percent	
2003	New York	1,493	540	36	470	31	0.35
	US	42,884	17,105	40	14,678	34	0.51
	Best State*			15		13	0.16
2004	New York	1,495	594	40	507	34	0.37
	US	42,836	16,919	39	14,593	34	0.49
	Best State*			25		21	0.27
2005	New York	1,434	580	40	486	34	0.35
	US	43,510	17,590	40	15,102	35	0.51
	Best State*			14		13	0.14
2006	New York	1,454	597	41	501	34	0.35
	US	42,708	17,738	42	15,144	35	0.50
	Best State*			24		20	0.22
2007	New York	1,333	546	41	455	34	
	US	41,059	17,036	41	14,575	35	0.49
	Best State*			23		19	

*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States

**Includes BAC of All Involved Drivers, Motorcycle Riders, Pedalcyclists and Pedestrians

[Back To The Table of Contents](#)



Alcohol-Impaired Driving Fatalities: New York , U.S. and Best State (New Definition)

Year		Total Fatalities in all Crashes	Alcohol-Impaired Driving Fatalities (BAC = .08+)**		Alcohol-Impaired Driving Fatalities (BAC = .08+) Per 100 Million VMT
			Number	Percent	
2003	New York	1,493	395	26	0.29
	US	42,884	13,096	31	0.45
	Best State*			12	0.15
2004	New York	1,495	435	29	0.32
	US	42,836	13,099	31	0.44
	Best State*			20	0.25
2005	New York	1,434	417	29	0.30
	US	43,510	13,582	31	0.45
	Best State*			12	0.13
2006	New York	1,454	433	30	0.31
	US	42,708	13,491	32	0.45
	Best State*			19	0.20
2007	New York	1,333	384	29	
	US	41,059	12,998	32	0.43
	Best State*			17	

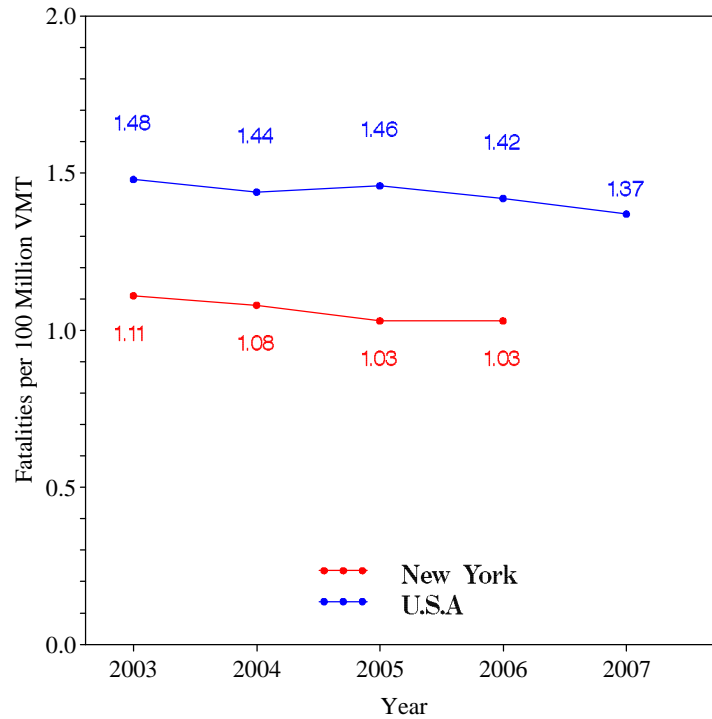
*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States

**Includes BAC of All Involved Drivers and Motorcycle Riders Only

[Back To The Table of Contents](#)

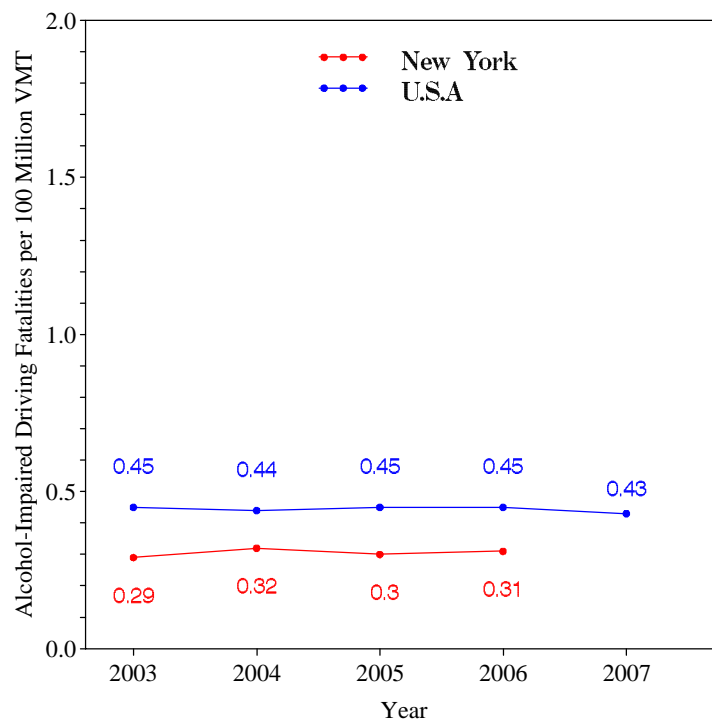


Fatalities per 100 Million VMT: New York and U.S



[Back To The Table of Contents](#)

Alcohol-Impaired Driving Fatalities per 100 Million VMT: New York and U.S



[Back To The Table of Contents](#)



Blood Alcohol Concentration (BAC) Reporting Rates For Drivers/Motorcycle Riders (Operators) Involved in Fatal Crashes: New York , U.S. and Best State

Year		Surviving Drivers/Motorcycle Riders			Killed Drivers/Motorcycle Riders			Total Drivers/Motorcycle Riders		
		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS	
			Number	Percent		Number	Percent		Number	Percent
2003	New York	371	16	4	620	233	38	991	249	25
	US	51,793	12,358	24	32,471	22,718	70	84,264	35,076	42
	Best State*			87			98			89
2004	New York	383	31	8	624	328	53	1,007	359	36
	US	51,440	12,277	24	32,596	21,984	67	84,036	34,261	41
	Best State*			84			97			90
2005	New York	356	28	8	592	386	65	948	414	44
	US	51,791	10,963	21	33,288	22,436	67	85,079	33,399	39
	Best State*			89			98			91
2006	New York	351	22	6	640	413	65	991	435	44
	US	49,884	11,028	22	32,940	22,531	68	82,824	33,559	41
	Best State*			86			100			87
2007	New York	310	13	4	589	404	69	899	417	46
	US	47,786	9,975	21	31,867	20,261	64	79,653	30,236	38
	Best State*			84			97			86

*State (or States) With Highest Percents: Highest Percents Could Be in Different States

[Back To The Table of Contents](#)



Passenger Vehicle Occupant Fatalities by Restraint Use: New York , U.S. and Best State

Year		Total Passenger Vehicle Occupant Fatalities	Total Passenger Vehicle Occupant Fatalities Restrained**		Observed Passenger Vehicle Occupant Restraint Use in all Traffic***
		Number	Number	Percent	Percent
2003	New York	923	512	55	85
	US	32,271	14,075	44	79
	Best State*			64	95
2004	New York	950	560	59	85
	US	31,866	14,225	45	80
	Best State*			68	95
2005	New York	841	465	55	85
	US	31,549	14,061	45	82
	Best State*			68	95
2006	New York	845	448	53	83
	US	30,686	13,760	45	81
	Best State*			66	96
2007	New York	788	470	60	84
	US	28,933	13,306	46	82
	Best State*			64	98

*State With Highest Percent. Fatal Crash and Observed Percents Can Be Different States

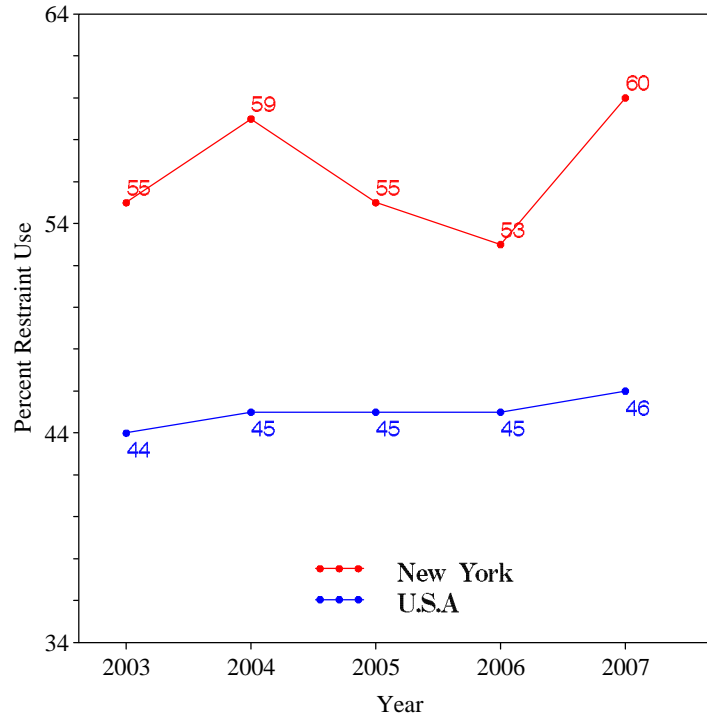
**Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

***USA Data: National Occupant Protection Use Survey. New York Data: State Survey

[Back To The Table of Contents](#)

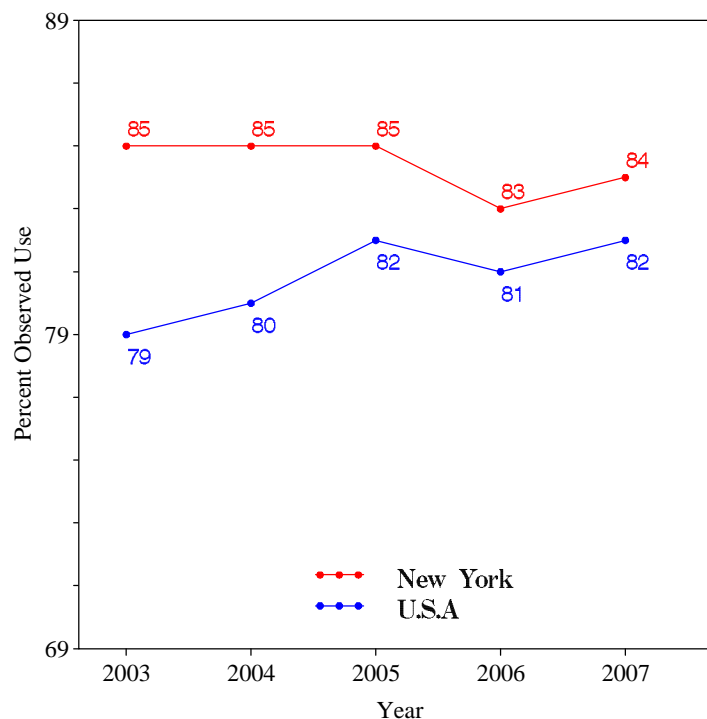


Passenger Vehicle Occupant Fatalities by Percent Restraint Use: New York and U.S



[Back To The Table of Contents](#)

Passenger Vehicle Occupants by Percent Restraint Use Observed: New York and U.S



[Back To The Table of Contents](#)



Passenger Vehicle Occupant Fatalities Aged 5 and Above by Restraint Use and Lives Saved Estimates

Year	Passenger Vehicle Occupant Fatalities Aged 5 and Above*			Passenger Vehicle Occupant Lives Saved Estimates**	
	Total	Restrained	Unrestrained	Lives Saved at Current Belt Use	Potential Additional Lives Savable at 100% Usage
2003	904	497	407	498	139
2004	936	551	385	565	149
2005	828	458	370	480	134
2006	836	443	393	494	170
2007	772	460	312	521	164

*Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

**Lives Saved Estimates

[Back To The Table of Contents](#)

Passenger Vehicle Occupant Fatalities Aged Under 5 by Restraint Use and Lives Saved Estimates

Year	Passenger Vehicle Occupant Fatalities Aged Under 5*			Passenger Vehicle Occupant Lives Saved Estimates**	
	Total	Restrained	Unrestrained	Lives Saved at Current Belt and Child Seat Usage	Potential Additional Lives Savable at 100% Usage
2003	16	13	3	1	2
2004	9	7	2	9	2
2005	8	6	2	9	1
2006	9	5	4	7	2
2007	9	7	2	9	

*Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

**Lives Saved Estimates

[Back To The Table of Contents](#)



Motorcyclist Fatalities by Helmet Use and Lives Saved Estimates

Year	Motorcycle Rider Fatalities*			Motorcycle Rider Lives Saved Estimates**	
	Total	Helmeted	Unhelmeted	Lives Saved at Current Helmet Use	Potential Additional Lives Savable at 100% Usage
2003	154	129	25	76	9
2004	150	129	21	77	8
2005	162	133	29	79	11
2006	194	167	27	99	10
2007	168	144	24	86	9

*Unknown Helmet Use Was Proportionally Distributed Across Known Helmet Use

**Lives Saved Estimates

[Back To The Table of Contents](#)



Fatalities by Person Type

Person Type		2003		2004		2005		2006		2007	
		#	%	#	%	#	%	#	%	#	%
Occupants	Passenger Car	677	16	703	16	597	14	571	14	531	14
	Light Truck - Pickup	79	2	77	2	72	2	93	2	70	2
	Light Truck - Utility	102	2	113	3	108	3	102	2	131	3
	Light Truck - Van	64	1	57	1	64	2	78	2	55	1
	Light Truck - Other	1	0	0	0	0	0	1	0	1	0
	Large Truck	17	0	9	0	25	1	26	1	22	1
	Bus	1	0	0	0	3	0	6	0	1	0
	Other/Unknown Occupants	20	0	24	1	24	1	23	1	21	1
	Total Occupants	961	22	983	23	893	22	900	22	832	22
Motorcyclists	Motorcycle	154	4	150	3	162	4	194	5	168	4
Non-Occupants	Pedestrian	334	8	317	7	322	8	312	7	278	7
	Bicyclist and Other Cyclist	37	1	40	1	49	1	45	1	51	1
	Other/Unknown Non-Occupants	7	0	5	0	8	0	3	0	4	0
	Total Non-Occupants	378	9	362	8	379	9	360	9	333	9
Total	Total	1,493	35	1,495	34	1,434	35	1,454	35	1,333	35

[Back To The Table of Contents](#)



Fatalities by Crash Type

Crash Type	2003	2004	2005	2006	2007
Total Fatalities (All Crashes)	1,493	1,495	1,434	1,454	1,333
- Single Vehicle (1)	898	871	908	870	799
- Involving a Large Truck (2)	158	140	145	174	156
- Involving Speeding (3)	482	465	456	449	417
- Involving a Rollover (4)	235	243	203	253	232
- Involving a Roadway Departure (5)	804	795	777	760	705
- Involving an Intersection (or Intersection related) (6)	493	448	442	463	464

(1) Crash Involved Only One Coded Vehicle

(2) Crash Involved at Least One Large Truck

(3) Crash Involved at Least One Vehicle Speeding

(4) Crash Involved at Least One Vehicle That Rolled Over

(5) Crash Involved at Least One Vehicle That Departed the Roadway (FHWA Definition)

(6) Crash Occured Within an Intersection or Within the Approach to an Intersection

[Back To The Table of Contents](#)



Motorcyclist Fatalities by Age

Year	Age							Total
	<20	20-29	30-39	40-49	50-59	>59	Unknown	
2003	11	52	35	31	18	8	0	155
2004	10	43	40	39	13	5	0	150
2005	6	58	43	28	22	10	0	167
2006	2	66	46	43	21	13	0	191
2007	6	39	39	46	24	11	1	166

[Back To The Table of Contents](#)

Motorcyclist Fatalities Per 100,000 Registered Motorcycles*

Year	Motorcyclist Fatalities	Total Motorcycle Registrations	Motorcyclist Fatalities Per 100,000 Motorcycle Registrations
2003	155	150,756	102.8
2004	150	170,148	88.16
2005	167	190,635	87.60
2006	191	203,207	93.99
2007	166		

*Data Source: FHWA

[Back To The Table of Contents](#)



Top 10 Counties for Fatalities and Fatality Rates

Top 10 Fatality Counties		Fatalities	Fatalities per 100,000 Population
1	Suffolk County	167	11.49
2	Kings County	96	3.80
3	Nassau County	93	7.12
4	Queens County	72	3.17
5	New York County	58	3.58
6	Erie County	53	5.80
7	Monroe County	45	6.17
8	Orange County	44	11.67
9	Onondaga County	39	8.59
10	Westchester County	37	3.89

Median Rate for all U.S. Counties: 20.32

Top 10 Fatality Rate Counties		Fatalities	Fatalities per 100,000 Population
1	Seneca County	12	35.06
2	Lewis County	8	30.22
3	Genesee County	17	29.25
4	Delaware County	13	28.09
5	Essex County	10	26.23
6	Yates County	6	24.43
7	Otsego County	15	24.04
8	Ontario County	23	22.12
9	Steuben County	21	21.68
10	Wyoming County	8	19.08

[Back To The Table of Contents](#)



Top 10 Counties for Alcohol-Impaired Driving Fatalities and Alcohol-Impaired Driving Fatality Rates

Top 10 Alcohol-Impaired Driving Fatality Counties		Fatalities	Fatalities per 100,000 Population
1	Suffolk County	47	3.20
2	Nassau County	23	1.75
3	Queens County	19	0.82
4	Kings County	17	0.68
5	New York County	16	0.99
6	Erie County	16	1.74
7	Onondaga County	16	3.44
8	Monroe County	13	1.84
9	Orange County	12	3.10
10	Steuben County	10	10.63

Median Rate for all U.S. Counties: 5.11

Top 10 Alcohol-Impaired Driving Fatality Rate Counties		Fatalities	Fatalities per 100,000 Population
1	Lewis County	3	11.33
2	Steuben County	10	10.63
3	Seneca County	3	8.76
4	Washington County	5	8.61
5	Wayne County	7	7.67
6	Fulton County	4	7.44
7	Warren County	5	7.41
8	Otsego County	5	7.37
9	Genesee County	4	7.23
10	Orleans County	3	6.84

[Back To The Table of Contents](#)